

Nominations No. 190 and 191 were read.

Mr. Nulty asked permission to withdraw a communication, now in the hands of the Publication Committee, in order that he might offer a substitute.

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*Stated Meeting, October 16.*

Present, twenty-nine members.

Dr. CHAPMAN, President, in the Chair.

A letter was announced and read:—

On behalf of the Nantucket Athenæum, dated Nantucket, October 12th, 1846, asking the Society to aid in the re-establishment of their library, destroyed by fire on the 13th and 14th ultimo, and “to spare a portion of their duplicate volumes and such other works as they may feel quite free to bestow.”

The following donations were announced:—

FOR THE LIBRARY.

The African Repository and Colonial Journal. Vol. XXII. October, 1846. No. 10. 8vo.—*From the American Colonization Society.*

The American Journal of the Medical Sciences. Edited by Isaac Hays, M.D. No. XXIV. New Series. October, 1846. 8vo.—*From the Editor.*

Journal of the Franklin Institute of the State of Pennsylvania. Vol. XLII. No. 250. Third Series. Vol. XII. No. 4. 8vo.—*From Dr. R. M. Patterson.*

A Dictionary of Medical Science, containing a Concise Account of the various Subjects and Terms; with the French and other Synonymes, &c. By Robley Dunglison, M.D. Sixth Edition. Revised and greatly enlarged. Philadelphia, 1846. 8vo.—*From the Author.*

New Remedies. By Robley Dunglison, M.D. Fifth Edition, with extensive Additions. Philadelphia, 1846. 8vo.—*From the same.*

Human Physiology. With three hundred and sixty-eight Illustrations. By Robley Dunglison, M.D. Sixth Edition, greatly improved. In Two Volumes. Philadelphia, 1846. 8vo.—*From the same.*

General Therapeutics and Materia Medica. With one hundred and twenty Illustrations. Adapted for a Medical Text Book. By Robley Dunglison, M.D. Third Edition, revised and improved. In Two Volumes. Philadelphia, 1846. 8vo.—*From the same.*

Prof. Henry laid before the Society the results of some investigations that he had lately made in physical science, and a theory of the causes of the phenomena observed. The well known phenomenon of a ball resting on a jet of water, he ascribed to the action of three different causes—1st. To the adhesion of the water to the ball. 2d. To the adhesion of the water to itself. 3d. To the tendency of water to move in a straight line, and also to the principle of action and reaction. He had also made experiments in regard to the interference of heat, for the purpose of discovering whether certain phenomena of interference of light were exhibited as well in the case of caloric. He found it to be so, and that two rays of heat may be thrown on each other, so as to produce a reduction of temperature.

The Society then proceeded to an election of members.

Dr. Patterson, from the Committee of Finance, reported the liquidation of the debt of the Society to the estate of the late Nathan Dunn.

All other business of the evening having been concluded, the ballot boxes were opened, and the following gentlemen declared to be elected members of the Society:—

RICHARD L. M'CULLOCH, of Philadelphia.

CEVA GRIMALDI, Marquis of Pietracatella, of Naples.

*Stated Meeting, November 6.*

Present, twenty-nine members.

Dr. CHAPMAN, President, in the Chair.

Mr. R. L. M'Culloch, a newly elected member, was introduced, and took his seat.

Letters were received and read:—

From the Royal Society of Sciences of Copenhagen, dated